

Applicant : Issacs et al.
Serial No. : 09/081,707
Filed : May 19, 1998
Page : 2



Attorney's Pocket No.: 07265-149001 / DM-9781

RECEIVED
MAR - 9 2000
TC 1600 MAIL ROOM

Cancel claim 2.

In claim 3, line 1, change "2" to -1--.

In claim 4, line 1, change "2" to -1--.

In claim 5, line 1, change "2" to -1--.

¹⁷⁸ (Amended) The peptide of claim 6, wherein the amino acid sequence is selected from the group consisting of His-Ser-Ser-Lys-Leu-Gln, and Glu-His-Ser-Ser-Lys-Leu-Gln], Gln-Asn-Lys-Ile-Ser-Tyr-Gln, and Glu-Asn-Kys-Ile-Ser-Tyr-Gln].

In claim 16, line 1, change "2" to -1--.

¹⁶¹⁷ (Amended) A peptide composition comprising a plurality of peptides, each peptide comprising an amino acid sequence having a cleavage site specific for an enzyme having a proteolytic activity of prostate specific antigen, wherein each peptide has 20 or fewer amino acids, and wherein the sequence comprises the amino acids

X₅X₄X₃X₂X₁,

wherein X₅ is from 0 to 16 amino acids; X₄ is serine, isoleucine, or lysine; X₃ is serine or lysine; X₂ is leucine or lysine; and X₁ is glutamine, asparagine or tyrosine.

Please add the following new claims.

¹⁷²⁸ 18. (New) --The peptide of claim 1, further comprising a peptide toxin attached to the amino terminus of X₅, or X₄ when X₅ is 0.--

¹⁷⁹ 19. (New) --The peptide of claim 1, further comprising a peptide toxin, a protein, or an antibody attached to the carboxy terminus of X₁.--

51

C